



STEAM UNIT HEATER PIPING DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWING)

1. SEE SHEET 2.

KEYED NOTES:

- 1 INSTALL SWING JOINTS AT HEATER CONNECTIONS.
- 2 PROVIDE 1/2" VALVE IN BOTTOM OF CONDENSATE LINE.
- 3 LOCATE AIR VENT AND VACUUM BREAKER IN TOP SIDE OF COIL AT FURTHEST POINT FROM STEAM INLET. IF THIS IS NOT POSSIBLE, LOCATE DOWNSTREAM OF CONTROL VALVE IN PIPING HIGH POINT.
- 4 ON STEAM SERVICES, PROTECT THE PRESSURE GAUGE WITH A PIGTAL SIPHON.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

1	8-13-03	U	REVISED TO COMPLY WITH DRAFTING MANUAL. (DWG. NO. WAS STG001)	RP	RF	JM	GG	TO
NO	DATE	CLASS	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
<p>FACILITY & WASTE OPERATIONS DESIGN ENGINEERING CONSTRUCTION SERVICES</p>								
<p>ENGINEERING STANDARDS MANUAL</p>				<p>DRAWN: R. PEARSON</p>				
<p>DESIGN: R. FROST</p>				<p>CHECKED: C. DUJRE</p>				
<p>STEAM UNIT HEATER PIPING DETAIL</p>				<p>DATE: 6-28-99</p>				
<p>BLDG X</p>				<p>TA-X</p>				
<p>SUBMITTED</p>				<p>APPROVED FOR RELEASE</p>				
<p>DISCIPLINE POC: GURINDER GREWAL</p>				<p>STANDARDS MANAGER: TOBIN ORUCH</p>				
<p>SHEET</p>				<p>1</p>				
<p>Los Alamos NATIONAL LABORATORY</p>				<p>1 OF 2</p>				
<p>CLASSIFICATION: U</p>				<p>REVIEWER: LARRY BAYS</p>				
<p>PROJECT ID</p>				<p>DATE</p>				
<p>CHAPTER 6</p>				<p>ST-D3020-1</p>				
<p>DRAWING NO</p>				<p>REV</p>				